



New programmatic approach

Revisions to programs and
committee input on program scoring



Revisions to program names and project types

- 19 to 13 programs based on feedback
- Project types further described and combined when redundant
- Committee assignments of project types reassigned based on feedback
- Funding eligibility reviewed and revised

Summary of revisions

 = additions / revisions
 = combinations / deletions

Committee	Program	Project type	Project type description
3PC	Complete streets	Transportation projects for ADA compliance w/ universal design	Projects that address ADA transition plans along FA roadw ays
3PC	Complete streets	Safe routes for non-drivers	Recommend removal / mostly duplicative
EMPC	Air quality	Transit vehicle emission reduction (new or modification)	Funds to assist with the cost of cleaner transit vehicles
EMPC	Air quality	Diesel vehicle emission reduction (new or modification)	Funds to assist with the cost of cleaner vehicles
EMPC	Air quality	Alternative fuel infrastructure	Electric or natural gas fuel infrastructure
EMPC	Air quality	Advanced truck stop electrification	Electrification of truck stop parking to reduce/eliminate idling
EMPC	Environment	Mitigation banking combined	Funds to create land banks for restoration off-site from a transportation project
LUC	Quality of place	Was 3PC Traffic calming	Was 3PC Treatments that reduce travel speed and improve ped/bike comfort
LUC	Quality of place	Was STC Roadw ay expansion	Was STC Widening of roadw ays to address congestion
STC	New roadw ays	Surface transport infrastructure to facilitate port "linkages"	New roadw ays connect port facilities to existing transportation system
STC	New roadw ays	New truck parking facilities	New parking specifically for trucks
STC	New roadw ays	New bridge / roadw ay / tunnel construction	New roadw ays, bridges, or tunnels
STC	New roadw ays	Construction of minor collectors in same corridor as NHS route	Construct service lanes along arterial roads; NHS ow ned by INDOT
STC	Roadw ay improvement	Railw ay-highw ay grade crossings	Projects that address safety issues at railroad crossings
STC	Roadw ay improvement	Intersection safety improvements	Projects that attempt to reduce safety issues at intersections
STC	Roadw ay improvement	Intelligent Transportation Systems	Projects that use technology to increase efficiency of transportation system
STC	Roadw ay improvement	Traffic monitoring / management / control	Funding for the monitoring and management of traffic (usually a state level initiative)
STC	Roadw ay improvement	Travel demand management strategies / programs	Funds that assist with reducing the demand for travel and congestion
STC	Roadw ay improvement	Emergency communications equipment / priority control systems	Funds to implement projects for emergency communication + signal preemption
STC	Roadw ay improvement	Bridge rehabilitation or reconstruction	Added / Projects that rehabilitate or reconstruct bridges on FA roads
STC	Roadw ay improvement	Pavement rehabilitation or reconstruction	Added / Projects that rehabilitate or reconstruct FA roads
STC	Roadw ay improvement	Intersection congestion improvements	Projects that attempt to reduce congestion at bottleneck locations
STC	Roadw ay improvement	Construction and operational improvements on high-risk rural roads	Projects on FA rural roads that improve safety
STC	Roadw ay improvement	Congestion pricing development / implementation	Funds that can assist with starting a congestion pricing scheme
STC	Roadw ay improvement	Highw ay signs for retroreflectivity	Standalone projects that increase visibility of roadw ay signs
STC	Roadw ay improvement	Safety devices/control, rumbles, skid resist., or remove obstacles at crash locations	Standalone projects to improve safety w / specific treatments on FA roadw ays
STC	Roadw ay improvement	Pavement and shoulder w idening to remedy unsafe conditions	Projects that add w idth to address unsafe conditions with road narrow ness
STC	Roadw ay improvement	Fringe and corridor parking facilities / programs	Construction of parking lots for car/vanpooling and transit kiss & rides

 = additions / revisions
 = combinations / deletions

Committee Program	Project type	Project type description
STC	Roadway improvement	Protection for bridges including inspections
STC	Roadway improvement	Funding to assist w ith the inspection of bridges
STC	Roadway improvement	Conduct model traffic enforcement activity at rail/highway crossing
STC	Roadway improvement	Funds to promote enforcement at rail/hwy crossings (usually a state level initiative)
STC	Roadway improvement	Promote/educate highway safety matters + project to enforce law
STC	Roadway improvement	Funds to promote or educate roadway safety (usually a state level initiative)
STG	Roadway safety	Install of rumble strips (not in conflict w /bike/ped/ADA)
STG	Roadway safety	Standalone projects to install rumble strips on FA roadways combined
STG	Roadway safety	Installation of skid-resistant surface at a location w / crashes
STG	Roadway safety	Standalone projects that reduce skidding at locations with this problem combined
STG	Roadway safety	Installation of traffic control at location w / high crashes
STG	Roadway safety	Standalone projects that install new stop signs or signals to reduce crashes-
STG	Roadway safety	Removal of roadside obstacle
STG	Roadway safety	Funds to remove trees or other items along FA roads that could be crashed into-
STG	Roadway safety	Roadway Corridor safety for vehicles
STG	Roadway safety	Projects that improve safety for vehicles along a segment of roadway combined
TOR	Transit / asset mngmt	Transit vehicle replacement (existing and subject to TAMP)
TOR	Transit / asset mngmt	Funding to replace existing transit vehicles according to transit asset mngnt plan
TOR	Transit / cust experience	Mobility management / information technology systems
TOR	Transit / cust experience	Funding to improvement mobility management and technology (GTFS)
TOR	Transit / cust experience	Travel training
TOR	Transit / cust experience	Funding to train individuals on how to use transit
TOR	Transit / cust experience	Volunteer driver programs
TOR	Transit / cust experience	Funding to offset the cost associated w ith volunteer driver programs
TOR	Transit / expansion	Transit vehicles for expansion of service
TOR	Transit / expansion	Funding to purchase new vehicles to expand service (locations or hours)
TOR	Transit / expansion	Operating assistance for new transit service
TOR	Transit / expansion	Funding for the operations and expansion of new transit services
TOR	Transit / expansion	Ferry boats
TOR	Transit / expansion	Funding to purchase ferry boats combined
TOR	Transit / expansion	Ferry terminals
TOR	Transit / expansion	Funding to build ferry terminals combined
TPC	Planning	Development of regional environmental protection plans
TPC	Planning	Planning funds to address environmental protection and transportation linkages
TPC	Planning	Transit planning and administrative oversight
TPC	Planning	Funding to plan and oversee transit
TPC	Planning	Transportation planning (general)
TPC	Planning	Funds to conduct transportation planning across all modes
TPC	Planning	Creating Livable Communities or TOD planning program
TPC	Planning	Funds to conduct transportation and land use planning/linkages across all modes
TPC	Planning	Road safety audit
TPC	Planning	Funds to conduct road safety audits of locations seeking HSIP funding combined
TPC	Planning	Data collection / software / equipment or devel./implement of PbP system
TPC	Planning	Funding to assist w ith performance-based planning
TPC	Planning	Development / implementation of Performance-based Planning manage. program
TPC	Planning	Funding to assist w ith performance-based planning combined
TPC	Planning	Safety data collection / analysis and improvement of data
TPC	Planning	Funds to assist in the collection of safety data and analysis of the data
TPC	Planning	Transportation safety planning or road safety audits
TPC	Planning	Funds to specifically conduct transportation safety planning or road safety audits

Recommended programs

3PC

- Complete streets
- Multi-use trails

EMPC

- Air quality
- Environment

LUC

- Quality of place

STC

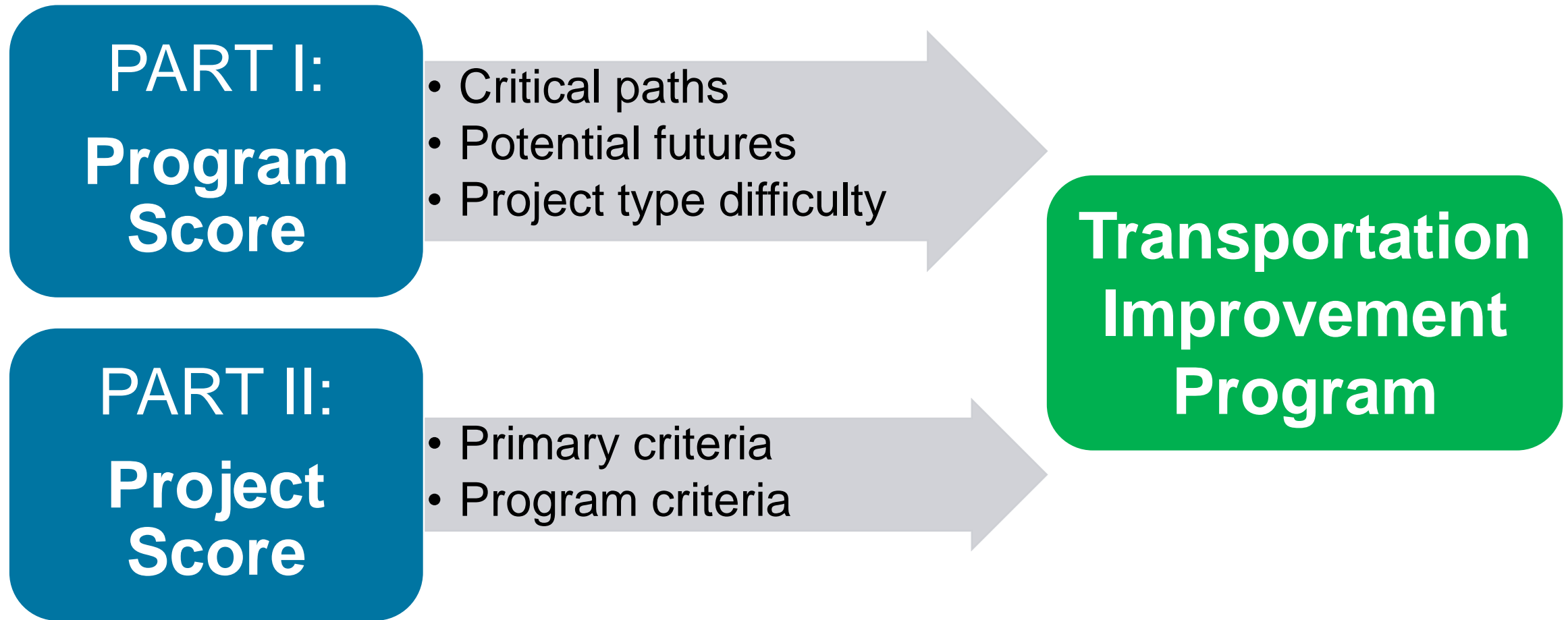
- New roadways
- Roadway improvements

TOR

- Asset management
- Customer experience
- Expansion
- Operating
- Safety



New programmatic approach



PART I: Program evaluations

Proposed project evaluation criteria and weights

Evaluating programs

step 1

Impact on critical paths
80%



step 2

Impact on futures
12%



step 3

Difficulty to implement
8%



step 4

Program evaluation score
100%

Qualitatively evaluate project types impact on critical paths. Consider direct and indirect benefits.

Qualitatively evaluate project types impact on futures. Consider direct and indirect benefits.

Qualitatively evaluate project types difficulty to implement.

Rank project types based on their score.

Average staff score was 50









High impact = 1
 Medium impact = 1/2
 Low impact = 0

High impact = 1
 Medium impact = 1/2
 Low impact = 0

High impact = 1
 Medium impact = 1/2
 Low impact = 0

step 1 Evaluate project's impact on critical paths

NW 2050 plan focus areas

<p>Critical paths to achieving NWI's 2050 vision</p>	 <p>Connected NWI / NWI's people have accessible, safe, and equal opportunities for working, playing, living and learning.</p>	 <p>Renewed NWI / NWI's urban and rural centers are places people want to come to and live in, and our environment is safe and healthy.</p>	 <p>United NWI / NWI's diversity is celebrated, and we work together as a community across racial, ethnic, political and cultural lines for the mutual benefit of the region.</p>	 <p>Vibrant NWI / NWI's economy is thriving, our people are well educated, growth is planned, and natural and agricultural areas are valued and protected.</p>
 <p>Economy + Place / <i>Focusing on NWI's economy and quality of place</i></p>	<p>Update land development policies and strategies to emphasize accessibility between people and opportunities.</p>	<p>Maximize growth in existing centers to enhance civic and economic life and to protect natural areas and farmland.</p>	<p>Collaborate regionally to welcome a diversity of people and talent to achieve mixed and balanced growth.</p>	<p>Promote initiatives and policies to ensure healthy living, sustainability, quality of life, and prosperity.</p>
 <p>Environment / <i>Focusing on NWI's environmental quality</i></p>	<p>Connect fragmented natural areas and integrate links between people and green spaces to increase resiliency and health outcomes.</p>	<p>Clean and protect the air, land, water, and natural habitats to sustain and enhance the environment's safety and health for all.</p>	<p>Build region-wide coalitions to advance environmental sustainability for the benefit of future generations.</p>	<p>Endorse innovative energy and environmental strategies to achieve a balance that protects diverse and unique ecological treasures while fostering a sustainable economy.</p>
 <p>Mobility / <i>Focusing on NWI's transportation choices</i></p>	<p>Complete roadway, bicycle, sidewalk, and transit networks across municipal and county lines to enhance safe and efficient access to opportunities for all.</p>	<p>Improve roadway, bicycle, sidewalk, and transit networks to revitalize existing urban and rural centers and enhance equity.</p>	<p>Prioritize transformative investments to elevate the position of the region and to attract a diversity of residents and high-quality economic opportunities.</p>	<p>Adopt technological innovation that enhances the safe and fluid movement of people and goods to enable a flourishing economy.</p>
 <p>People + Leaders / <i>Focusing on NWI's people and community leaders</i></p>	<p>Commit to removing barriers and obstacles to guarantee equal and accessible opportunities.</p>	<p>Focus educational and workforce development initiatives on expanding skills that the modern economy requires.</p>	<p>Foster better communications, cooperation and coordination to bring people together across the lines that divide us.</p>	<p>Embrace a dynamic, diversified and sustainable economy that attracts and retains talent, enhances quality of life, and increases personal and household income.</p>

Potential futures for NWI 2050

step 2 Evaluate project's impact on future scenarios

NEW CHANCES FOR A NEW FRONTIER



**New chances for
a new frontier**

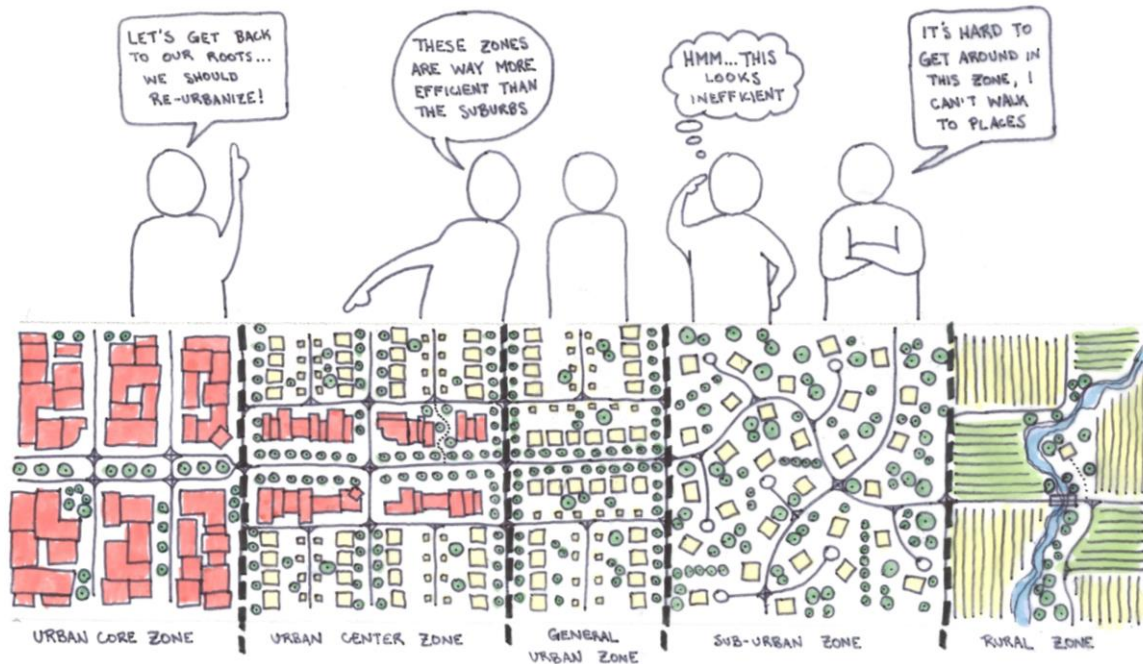
*A future shaped by rapid
technological change and
NWI's abundant source of
fresh water.*

*In this future, the Region's
population grows rapidly and
the economy is driven by
technological changes. New
solutions are required for
new times.*

Potential futures for NWI 2050

step 2 Evaluate project's impact on future scenarios

SHARP & IN FOCUS



Sharp and in focus

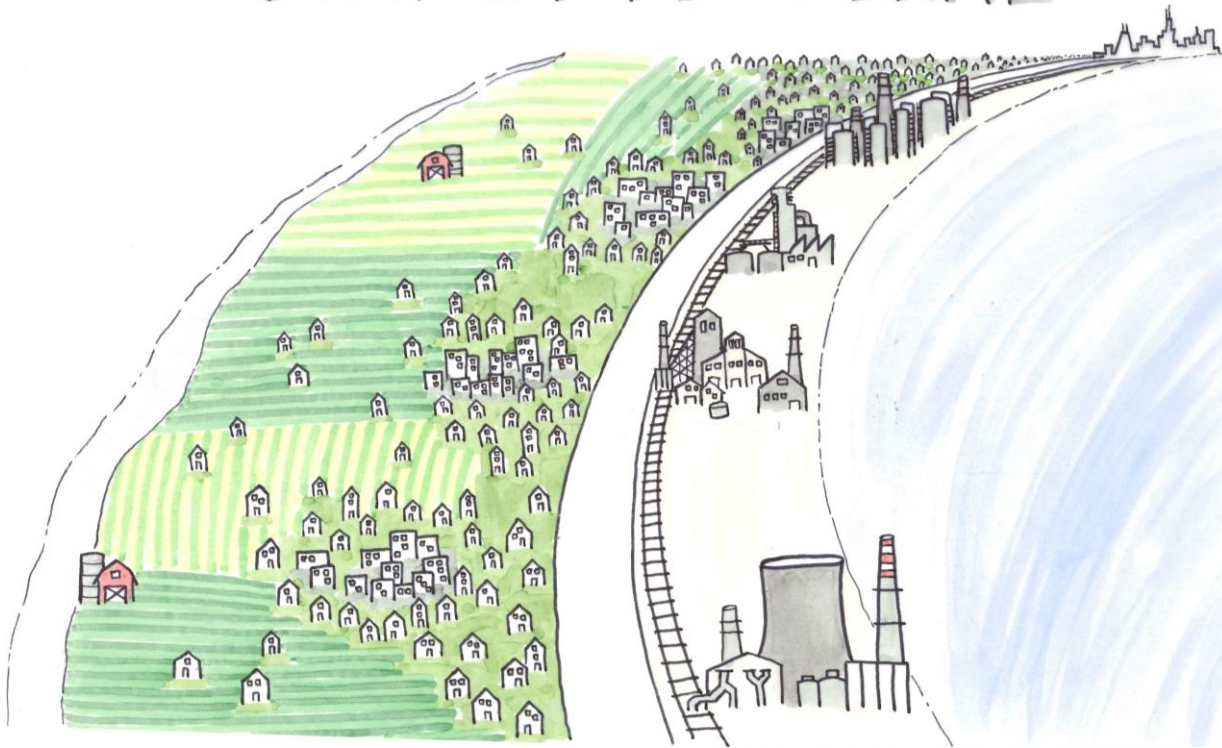
A future influenced by technological change but at a pace that allows NWI to adapt and grow with change.

In this future, the Region's population grows but not quickly enough to escape the issue with the aging population. The environment is healthy.

Potential futures for NWI 2050

step 2 Evaluate project's impact on future scenarios

STAY IN YOUR LANE



Stay in your lane

A future that resembles the Region like we know it today. Growth is slow, the connection to Chicago remains important to the economy and industry is key.

In this future, the Region's population stays steady but is at risk due to the aging population, and the balance between environment and growth remains an issue.

step 3 Evaluate project's difficulty

Low

A project type may be low difficulty if it has **none** of the following known factors that make implementation difficult:

Medium

A project type may be medium difficulty to implement if it has **one** of the following known factors that make implementation difficult:

High

A project type may be highly difficult to implement if it has **more than one** of the following known factors that make implementation difficult:

1. Significant ROW takings
2. Utility easements
3. Requires cooperation of railroads
4. Lack of institutional capacity locally, regionally, or on the state level to implement
5. Securing local match is routinely problematic
6. Ownership and maintenance

STC programs

Presented below are initial scores computed by staff

Today we will take a second look with your expertise – revisions today will be presented to TPC

NIRPC committee responsible	Program category <i>NIRPC program name</i>	Project type <i>eligible projects by FHWA/FTA rules</i>	Project type description	Investment impact on future scenarios 12%																Investment difficulty factor 8%	Final impact score			
				Connected				Renewed				United				Vibrant								
				Economy + place	Environment	Mobility	Our people + leaders	Economy + place	Environment	Mobility	Our people + leaders	Economy + place	Environment	Mobility	Our people + leaders	Economy + place	Environment	Mobility	Our people + leaders					
STC	Roadway improvement	Railway-highway grade crossings	Projects that address safety issues at railroad crossings	0	1/2	1	1	1	0	1	0	0	0	1	1	1	0	1/2	0	H	H	H	M	62
STC	Roadway improvement	Intersection safety improvements	Projects that attempt to reduce safety issues at intersections	1	0	1	1	1	0	1	0	0	0	0	0	1	0	1	0	M	H	H	L	58
STC	Roadway improvement	Intersection congestion improvements	Projects that attempt to reduce congestion at bottleneck locations	1	0	1	0	1	1	1	0	0	0	1/2	0	1	0	1/2	0	M	M	H	L	56
STC	Roadway improvement	Bridge rehabilitation or reconstruction	Projects that rehabilitate or reconstruct bridges on FA roads	0	0	1	1	0	1	0	1	0	0	0	0	1/2	0	1	0	H	H	H	L	54
STC	Roadway improvement	Pavement rehabilitation or reconstruction	Projects that rehabilitate or reconstruct FA roads	0	0	1	1	1	0	1	0	0	0	0	0	1/2	0	1	0	H	H	H	L	54
STC	Roadway improvement	Intelligent Transportation Systems	Projects that use technology to increase efficiency of transportation system	1/2	0	1	0	0	1/2	0	0	0	0	1/2	1	1/2	1/2	1	1/2	H	H	M	L	52
STC	Roadway improvement	Traffic monitoring / management / control	Funding for the monitoring and management of traffic (usually a state level initiative)	1/2	0	1	0	0	1/2	0	0	0	0	1/2	1	1/2	1/2	1	1/2	H	H	M	L	52
STC	Roadway improvement	Emergency communications equipment / priority control systems	Funds to implement projects for emergency communication + signal preemption	0	0	1	1/2	0	0	1	0	0	0	0	1	1	0	1	0	H	M	M	L	50
STC	Roadway improvement	Travel demand management strategies / programs	Funds that assist with reducing the demand for travel and congestion	1	0	0	1/2	1	1/2	1/2	0	1/2	1	0	1/2	1/2	1/2	1/2	1/2	M	M	M	M	44
STC	Roadway improvement	Construction and operational improvements on high-risk rural roads	Projects on FA rural roads that improve safety	0	0	1	0	0	0	1	0	0	0	0	0	1	0	1/2	0	L	M	M	L	36
STC	Roadway improvement	Safety devices/control, rumbles, skid resist., or remove obstacles at crash locations	Standalone projects to improve safety w/ specific treatments on FA roadways	0	0	1	0	0	0	1	0	0	0	0	0	1	0	1/2	0	L	M	M	L	36
STC	Roadway improvement	Congestion pricing development / implementation	Funds that can assist with starting a congestion pricing scheme	1/2	0	0	0	1/2	1/2	1/2	0	0	1/2	0	1/2	1/2	1/2	1/2	0	H	M	L	H	28
STC	Roadway improvement	Highway signs for retroreflectivity	Standalone projects that increase visibility of roadway signs	0	0	1/2	0	0	0	1	0	0	0	0	0	1	0	0	0	L	M	M	L	28
STC	Roadway improvement	Pavement and shoulder widening to remedy unsafe conditions	Projects that add width to address unsafe conditions with road narrowness	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	L	M	M	M	28
STC	Roadway improvement	Fringe and corridor parking facilities / programs	Construction of parking lots for car/vanpooling and transit kiss & rides	1/2	0	1/2	0	0	0	0	0	0	0	0	0	1/2	0	0	1/2	L	L	M	L	20
STC	Roadway improvement	Protection for bridges including inspections	Funding to assist with the inspection of bridges	0	0	1/2	0	0	0	0	1	0	0	0	0	0	0	0	0	L	L	L	L	16
STC	Roadway improvement	Conduct model traffic enforcement activity at rail/highway crossing	Funds to promote enforcement at rail/hwy crossings (usually a state level initiative)	0	0	0	0	0	0	0	1/2	0	0	0	1/2	1/2	0	0	0	L	L	L	L	14
STC	Roadway improvement	Promote/educate highway safety matters + project to enforce law	Funds to promote or educate roadway safety (usually a state level initiative)	0	0	0	0	0	0	0	1/2	0	0	0	1/2	1/2	0	0	0	L	L	L	L	14
STC	New roadways	Surface transport infrastructure to facilitate port "linkages"	New roadways connect port facilities to existing transportation system	1/2	0	1/2	0	1/2	0	1/2	0	0	0	1/2	1/2	0	0	1/2	1/2	L	L	H	M	32
STC	New roadways	New truck parking facilities	New parking specifically for trucks	0	0	1/2	1/2	0	0	0	0	1/2	0	0	1/2	1/2	0	1	0	L	L	M	M	26
STC	New roadways	New bridge / roadway / tunnel construction	New roadways, bridges, or tunnels	1/2	0	1	0	0	0	0	0	0	0	1/2	1/2	1/2	0	0	1/2	L	L	M	H	22
STC	New roadways	Construction of minor collectors in same corridor as NHS route	Construct service lanes along arterial roads; NHS owned by INDOT	0	0	0	0	0	0	0	0	0	0	1/2	0	0	0	0	0	L	L	M	H	6

PART II: Project evaluations

Proposed project evaluation criteria and weights

Criteria for every project

Access +
connections



Cost
effectiveness



Economic
generation



Environmental
benefits



Local policy
+ plan
support



Up to
100
points

Evaluating a project's ability to make new connections, fill gaps, or increase access

Evaluating a project's cost effectiveness

Evaluating a project's impact on generating economic benefits

Evaluating a project's benefits to the environment

Evaluating a project's consistency and support of local policy and plans

Regional
policy + plan
support



Partnerships



Project
readiness



Safety



Social
equity

Evaluating a project's consistency and support of regional policy and plans

Evaluating a project's support from partners

Evaluating a project's readiness for construction

Evaluating a project's benefits for a safer transportation system

Evaluating a project's benefits towards social equity

STC Programs

Program	Access & Connections	Cost Effectiveness	Economic Generation	Environmental Benefits	Local Policy & Plan Support	Partnerships	Project Readiness	Regional Priority	Safety	Social Equity
New Roadways	<ol style="list-style-type: none"> All purpose average trip times for households within one mile of proposed corridor Percent of population within 1/4-mile of a sidewalk, trail, or bicycle facility for population within one mile of proposed corridor Percent of population within transit service areas for population within one mile of proposed corridor Modeled improvement of reductions in Vehicle Hours of Travel within two miles of proposed corridor Emergency Access based on proximity from hospital and medical care purpose average trip time for households within one mile of proposed corridor 	<ol style="list-style-type: none"> Construction materials used 	<ol style="list-style-type: none"> Employment density within one mile of proposed corridor Value of time for working population within one mile of proposed corridor Economic productivity of facilities within one mile of proposed Corridor 	<ol style="list-style-type: none"> Emissions Reductions Green Infrastructure Components 	<ol style="list-style-type: none"> Master Plan or Thoroughfare Plan Capital Improvements Program (CIP) 	<ol style="list-style-type: none"> INDOT Railroads Public Private Partnership (P3) 	<ol style="list-style-type: none"> Overmatch Right of Way owned 	<ol style="list-style-type: none"> Regional Corridors Study (RCS) Creative Livable Communities Congestion Management Program (CMP) 	<ol style="list-style-type: none"> Universal Design Criteria Complete Streets 	<ol style="list-style-type: none"> Location in EJ Area
	20 points	5 points	15 points	5 points	15 points	5 points	5 points	20 points	5 points	5 points
Roadway Improvement	<ol style="list-style-type: none"> All purpose average trip times for households within one mile of proposed corridor Percent of population within 1/4-mile of a sidewalk, trail, or bicycle facility for population within one mile of proposed corridor Percent of population within transit service areas for population within one mile of proposed corridor Modeled improvement of reductions in Vehicle Hours of Travel within two miles of proposed corridor Emergency Access based on proximity from hospital and medical care purpose average trip time for households within one mile of proposed corridor 	<ol style="list-style-type: none"> Planning vs. Infrastructure Construction materials used 	<ol style="list-style-type: none"> Employment density within one mile of proposed corridor Value of time for working population within one mile of proposed corridor Economic productivity of facilities within one mile of proposed Corridor 	<ol style="list-style-type: none"> Emissions Reductions Green Infrastructure Components 	<ol style="list-style-type: none"> Master Plan or Thoroughfare Plan Capital Improvements Program (CIP) 	<ol style="list-style-type: none"> Major employers TDM Transit Agencies INDOT Universities Parking operators Railroads Emergency Medical Services Freight Carriers Law Enforcement Public Private Partnership (P3) 	<ol style="list-style-type: none"> Overmatch Right of Way owned Project precedence 	<ol style="list-style-type: none"> 2040 Plan Regional Corridors Study (RCS) Creating Livable Communities Congestion Management Program (CMP) ITS Regional Architecture 	<ol style="list-style-type: none"> Crashes per 100 million VMT Number of non-motor crashes Number railroad crashes Universal Design Criteria Complete Streets 	<ol style="list-style-type: none"> Location in EJ Area
	20 Points	5 Points	15 points	5 points	15 points	5 points	5 points	15 points	10 points	5 points